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DERWENT-ACC-NO: 1979-34614B

DERWENT-WEEK: 197918

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TITLE: Bulky non woven fabric abrasive -
contg. synthetic fibres coated with mixed rubbery
elastomer-hard resin binder contg. abrasive particles

PATENT-ASSIGNEE: HIROYUKI K[HIROI]

PRIORITY-DATA: 1967JP-0085033 (December 29, 1967)

PATENT-FAMILY:

PUB-NO	PAGES	PUB-DATE	MAIN-IPC
JP 79007996 B		April 11, 1979	N/A
000	N/A		

INT-CL (IPC): B24D003/00

ABSTRACTED-PUB-NO: JP 79007996B

BASIC-ABSTRACT:

Bulky nonwoven fabric of synthetic resin fibre is fabricated by bonding crossing points of the fibres to each other with a resin binder. The fibre surfaces of the fabric are coated with a mixed binder consisting of a rubbery elastomer and a hard resin and contg. abrasives to fabricate bulky nonwoven fabric abrasive having an apparent density of 0.05-0.1 g/cm³.

In the mixed binder, the hard resin and the rubbery elastomer are mixed in the

ratio 50.50 is approx. 70:30. The amt. of abrasive is 100-400 pts. wt. per 100 pts. wt. of the mixed binder. The amt. of solid component in the mixed binder is 100-600 wt.% w.r.t. the wt. of the fibre.

Pref. the nonwoven fabric consists of nylon fibre of Tetron (RTM) fibre. The resin binder consists of acrylic ester, acrylonitrilebutadiene or methyl methacrylate-butadiene. The abrasives have grain sizes of 80-1000 mesh.

TITLE-TERMS: BULK NON WOVEN FABRIC ABRASION CONTAIN
SYNTHETIC FIBRE COATING MIX
RUBBER ELASTOMER HARD RESIN BIND CONTAIN
ABRASION PARTICLE

DERWENT-CLASS: A18 A23 A94 F04 P61

CPI-CODES: A11-C05A; A12-B02B; A12-S05G; F02-C02B1;

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0009 0218 0229 0231 1283 1291 1319 1462 2486
2488 2529 2622 2646

2682 2687 2723 2820 0493 0376 1095 0502 0537

Multipunch Codes: 011 03- 032 04- 040 074 076 081 141 143
144 155 163 166 169

170 171 32& 440 446 477 481 484 551 560 561 575 581 59- 609
664 665 688 011 03-

032 034 04- 040 072 074 076 117 122 141 143 144 155 163 166
169 170 171 27& 32&

440 446 477 481 484 551 560 561 575 581 59- 609 664 665 011
03- 032 034 04- 040

074 077 081 082 117 122 141 143 144 155 163 166 169 170 171
27& 32& 440 446 477

481 484 551 560 561 575 581 59- 609 664 665